IN THE CLAIMS

Please amend the claims as follows:

1.   (currently amended)   A method for selling engineered electrical systems, the method comprising the steps of:

generating a database for an electrical system comprising a plurality of programmable devices, the database including device designation data;

soliciting an order for the system;

assembling the system including the plurality of programmable devices in accordance with the order; and

configuring memory objects within the devices by downloading, after assembly, at least the device designation data from the database into respective memory objects of the devices.

2.   (previously presented)   The method of claim 1, comprising the further step of designing the electrical system including the plurality of programmable devices.

3.   (original)   The method of claim 1, wherein the device designation data includes data representative of a physical location of a device in the system.

4.   (original)   The method of claim 1, wherein the device designation data includes data representative of a function of a device in the system.

5.   (original)   The method of claim 1, wherein the step of soliciting the order includes computing price data based upon the database.

6.   (original)   The method of claim 1, comprising the further step of storing the database in a computer coupled to the system.

7.   (original)   The method of claim 1, wherein the system includes a plurality of subassemblies, at least a portion of the subassemblies including at least one programmable device, and wherein the memory objects of the programmable devices are configured after arrangement of the devices in the subassemblies.

8.   (original)   The method of claim 7, wherein the memory objects of the programmable devices are configured prior to arrangement of the subassemblies in the system.

9.   (original)   The method of claim 7, wherein the memory objects of the programmable devices are configured after arrangement of the subassemblies in the system.

10.   (original)   The method of claim 1, wherein the programmable devices include electrical power switching devices mounted within an enclosure.

11.   (original)   The method of claim 10, wherein the system includes a motor control center.

12.-19. (canceled).

20.   (currently amended)   A method for coordinating sales and manufacturing of electrical systems, the method comprising the steps of:
     generating a system design database including data representative of programmable components and component layout for an electrical system;
     assembling the system components in accordance with the component layout; and

programming the programmable components by downloading information from the database, after assembly, into respective memory objects of the programmable components.

21.   (canceled).

22.   (previously presented)   The method of claim 20, wherein the database includes data representative of a physical location of each programmable component in the system in accordance with the layout.

23.   (original)   The method of claim 20, wherein the step of programming the programmable components is performed following final assembly of the components in the system.

24.   (original)   The method of claim 20, wherein the step of assembling the system includes coupling the programmable components to a data network in the system for accessing data from each programmable component.

25.   (original)   The method of claim 24, wherein the programmable components are programmed via the data network.

26.-30. (canceled).

31.   (currently amended)   An integrated system for generating sales proposals for and programming a motor control center including a plurality of programmable electrical components, the system comprising:

a database including data representative of programmable electrical components comprising the motor control center, a function of the components in the motor control center, and a physical location of the components in the motor control center;

a sales proposal module for facilitating generation of a sales proposal based upon the database; and

a component programming module adapted to access data from the database and to download the data, <u>after assembly</u>, into respective memory objects of each programmable component.

32.   (original)   The system of claim 31, wherein the programming module is adapted to download into each programmable component data representative of at least the function of the component in the motor control center.

33.   (original)   The system of claim 31, wherein the programming module is adapted to download into each programmable component data representative of at least the physical location of the component in the motor control center.

34.   (previously presented)   A method for selling engineered electrical systems, the method comprising the steps of:

generating a database for an electrical system comprising a plurality of programmable devices, the database including device designation data, the device designation data including data representative of a physical location of a device in the system;

assembling the system including the plurality of programmable devices; and

configuring memory objects within the devices by downloading at least the device designation data from the database, <u>after assembly</u>, into the memory objects.

35.   (previously presented)   The method of claim 34, wherein the device designation data includes data representative of a function of a device in the system.

36.   (canceled).

37.   (previously presented)   The method of claim 34, comprising the further step of storing the database in a computer coupled to the system.

38.   (previously presented)   The method of claim 34, wherein the system includes a plurality of subassemblies, at least a portion of the subassemblies including at least one programmable device, and wherein the memory objects of the programmable devices are configured after arrangement of the devices in the subassemblies.

39.   (previously presented)   The method of claim 38, wherein the memory objects of the programmable devices are configured prior to arrangement of the subassemblies in the system.

40.   (previously presented)   The method of claim 38, wherein the memory objects of the programmable devices are configured after arrangement of the subassemblies in the system.

41.   (previously presented)   The method of claim 38, comprising the further step of designing the electrical system including the plurality of programmable devices.

42.   (currently amended)   A method for coordinating sales and manufacturing of electrical systems, the method comprising the steps of:

generating a system design database including data representative of programmable components and component layout for an electrical system, the programmable components being programmed by downloading a portion of the database into each programmable component;

soliciting a sale of the system based upon the system design;

assembling the system components in accordance with the component layout; and

programming the programmable components by downloading at least device
designation data from the database, <u>after assembly</u>, into respective memory objects of each
programmable component.

43.   (previously presented)   The method of claim 42, wherein the portion of the
database includes data representative of a physical location of each programmable
component in the system in accordance with the layout.

44.   (previously presented)   The method of claim 42, wherein the step of
programming the programmable components is performed following final assembly of the
components in the system.

45.   (previously presented)   The method of claim 42, wherein the step of
assembling the system includes coupling the programmable components to a data network
in the system for accessing data from each programmable component.

46.   (previously presented)   The method of claim 45, wherein the programmable
components are programmed via the data network.

47.   (currently amended)   An integrated system for generating sales proposals
for and programming a motor control center including a plurality of programmable
electrical components, the system comprising:

a database including data representative of programmable electrical components
comprising the motor control center, a function of the components in the motor control
center, and a physical location of the components in the motor control center; and

a component programming module adapted to access data from the database and to
download the data, <u>after assembly</u>, into respective memory objects of each programmable
component.

48.   (previously presented) The system of claim 47, wherein the programming module is adapted to download into each programmable component data representative of at least the function of the component in the motor control center.

49.   (previously presented) The system of claim 47, wherein the programming module is adapted to download into each programmable component data representative of at least the physical location of the component in the motor control center.

50.   (currently amended)   A method for coordinating sales and manufacturing of electrical systems, the method comprising the steps of:

generating a system design database including data representative of programmable components and component layout for an electrical system, the programmable components being programmed by downloading a portion of the database into each programmable component;

assembling the system components in accordance with the component layout; and

programming the programmable components by downloading at least the device designation data from the database, after assembly, into respective memory objects of each programmable component.

51.   (previously presented) The method of claim 50, wherein the portion of the database includes data representative of a physical location of each programmable component in the system in accordance with the layout.

52.   (previously presented) The method of claim 50, wherein the step of programming the programmable components is performed following final assembly of the components in the system.

53.   (previously presented)   The method of claim 50, wherein the step of assembling the system includes coupling the programmable components to a data network in the system for accessing data from each programmable component.

54.   (previously presented)   The method of claim 53, wherein the programmable components are programmed via the data network.